

A ceramic base material that is reduced in distortion caused by high-temperature heat treatment. A ceramic base material having sintering agents and satisfying the following formula:

where  $a$ : the larger of  $c_1$  and  $c_2$ ,

cl: the ratio "k" at a main-surface side,

**c2: the ratio "k" at the other main-surface side,**

10  $\mathbf{k} = \mathbf{s}/m,$

s: the fluorescent X-ray-detected strength of the constituent elements of the sintering agents,

**m:** the fluorescent X-ray-detected strength of the main-constituent elements.